

Vol. II.

1884.

THE
NATIONAL GEOGRAPHIC
MAGAZINE.



QUARTERLY, Oct. 1884.
NATIONAL GEOGRAPHIC SOCIETY,
WASHINGTON, D. C.

Price, 25 cents

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APRIL 1871.

THE NATIONAL GEOGRAPHIC MAGAZINE.

VOL. II.

1890.

No. 5.

ANNOUNCEMENT.

The National Geographic Society was organized in January, 1888, "to increase and diffuse geographic knowledge." It is incorporated under the laws of the District of Columbia, and has at present an active membership of about four hundred.

The publication of a magazine was early determined upon as one of the means of increasing and diffusing geographic knowledge; and two volumes of *The National Geographic Magazine* have been published in the form of a quarterly journal.

During the past two years it has been found that the form of publication adopted at the outset meets but imperfectly the needs of the Society: in the first place, since the season of active work in the Society includes the winter months only, there was an excess of material for the two earlier numbers and a dearth of material for the two later numbers of the volume; and in the second place, the necessity for holding articles until sufficient material for a number was received sometimes led to delay in publishing interesting and important matter. Accordingly it has been decided to discontinue the quarterly form and to publish the Magazine in the form of a series of brochures, each issued promptly as possible after reception of the material. The details of this modified form of publication are set forth elsewhere in this number of the Magazine.

While the *National Geographic Magazine* is edited by and constitutes the organ of the NATIONAL GEOGRAPHIC SOCIETY, it is not limited to this function; and, as was announced in the first number of the journal, "its pages will be open to all persons interested in geography in the hope that it may become a channel of intercommunication, stimulate geographic investigation, and prove an acceptable medium for the publication of results."

With the adoption of the modified form of the journal the publication year was changed from one determined by the working season of the Society to the calendar year; and it is to cover a hiatus in the Society's records growing out of this change that this fifth number of Volume II is issued.

The National Capital seems to be a natural and appropriate place for an association of national character, and the aim of the founders has been therefore to form a continental rather than a local Society. That this aim has measurably succeeded is indicated by the fact that although the NATIONAL GEOGRAPHIC SOCIETY is only three years old there are 57 non-resident members, distributed over 27 states and territories.

One of the aims adopted by the NATIONAL GEOGRAPHIC SOCIETY for increasing geographic knowledge has been that of exploration. In the spring of 1890 an expedition was sent out by the Society to explore and survey the Mt. St. Elias alps of Alaska. The results of the expedition include (1) new determinations of altitude and geographic position for Mt. St. Elias and neighboring peaks; (2) a topographic map of a considerable part of the Mt. St. Elias range with its southwestern foothills and the slopes thence to the shores of the Faribot; (3) an investigation of the glaciers of the alpine region; (4) researches into the geology of the region; and (5) a study of the range and its climate and other conditions so complete as to prepare the way for detailed surveys of the entire region.

A report on the Mt. St. Elias expedition, comprising about 150 pages of letter-press with 20 plates and a number of other illustrations, has just been sent to press as a part of Volume III of the *National Geographic Magazine*.

As another means of carrying out the purposes of the SOCIETY, regular fortnightly meetings are held for presenting scientific and

popular communications on geographic subjects, some of which are published in the *National Geographic Magazine*. The Society also provides for the delivery of public lectures in Washington upon explorations in little-known countries and upon other geographic subjects. Within a few months lectures have been delivered under the auspices of the Society by eminent explorers or students on the following subjects:

The Explorer in Egypt.

Buried Cities of Ancient Egypt.

Life among the Australian Cannibals.

A Journey through China, Mongolia and Tibet.

Korea and the Kuriles.

Results of the Mt. St. Elias Exploring Expedition.

The Society has in preparation a physical atlas of the United States.

There is no geographic or number limitation to membership in the Society. The *National Geographic Magazine* is sent free to members.

Correspondence with the Society should be addressed to Mr. Marcus Baker, Secretary, No. 1230 K Street, Washington, D. C.

PROCEEDINGS
OF THE
NATIONAL GEOGRAPHIC SOCIETY.

ABSTRACT OF MINUTES.

March 21, 1880.

37th meeting.

Meeting held in Assembly Hall of the Cosmos Club. President Hubbard in the chair. Attendance, 50.

Article V., paragraph one, of the By-laws was amended so as to read "The annual dues of active members shall be five dollars and of corresponding members two dollars, payable during the month of January, or, in the case of new members, within thirty days after election."

A discussion was then had on the subject of Geographic Nomenclature, participated in by Messrs. H. G. Osgood, Gustave Herber, Marcus Baker and A. D. Thompson. Published in *The National Geographic Magazine*, 8th Washington, D. C., August, 1880, Vol. 2, no. 4, pp. 261-270.

Mr. L. R. Klemm made some remarks on "A new method of developing geographic facts in teaching."

April 4, 1880.

38th meeting.

Meeting held in Assembly Hall of the Cosmos Club. Vice-President Hayden in the chair. Attendance, 25.

Mr. Robert Stein read a paper on "Turkish rule in Armenia," which was discussed by Mr. H. Garnett of Sia, Cilicia, Asia Minor, and by Mr. Kenaston. Not published.

April 11, 1880.

Special meeting.

Meeting held in the Lecture Hall of the National Museum. Vice-President Hayden in the chair. Attendance, 850.

Ensign J. B. Bernadou, U. S. N., addressed the Society on "Korea and the Koreans." His lecture was illustrated by lantern slides. *Revised and published in The National Geographic Magazine*, 8^o. Washington D. C. August, 1880. Vol. 2, no. 4, pp. 233-242.

April 18, 1880.

39th meeting.

Meeting held in the Assembly Hall of the Cosmos Club. Vice-President Hayden in the chair. Attendance, 80.

Ensign Hugh Rodman, U. S. N., read a paper on "Icebergs and field ice in the North Atlantic." The communication was illustrated by lantern slides. *Published by the U. S. Hydrographic Office with this title—No. 32. Report of ice and ice movements in the North Atlantic Ocean, by Ensign Hugh Rodman, U. S. N., under the direction of Capt. Henry B. Pickering, U. S. N. Hydrographer, 8^o. Washington, government printing office, 1880. 26 pp. 1 folder, 4 maps.*

The paper was briefly discussed by Mr. Hayden.

May 2, 1880.

40th meeting.

Meeting held in the Lecture Hall of the National Museum. Vice-President Ogden in the chair. Attendance, 450.

Mr. W. W. Rockhill read a paper giving an account of "A journey through Mongolia, China and Thibet," made by him in 1880-1881. The communication was illustrated by lantern slides. The material embodied in this paper with much more on the same subject has been published in *The Century*, 8^o. New York, 1880, Nov. Vol. 41, no. 1, pp. 1-17; Dec. no. 2, pp. 250-263; Jan. 1881, no. 3, pp. 360-377; Feb. no. 4, pp. 539-611; Mar. no. 5, pp. 720-739.

May 7, 1880.

Special meeting.

Meeting held in the Assembly Hall of the Cosmos Club. President Hubbard in the chair. Attendance, 50.

This was a special meeting called to consider the following propositions.

First: Methods of increasing membership.

Second: The employment of a salaried assistant secretary.

Third: The establishment of a monthly periodical.

Fourth: The formation of sections, or auxiliary societies, throughout the country.

Messrs. Baker, Blodgett, Gilbert, Gouffé, Hayden, Hornaday, J. D. Johnson, W. D. Johnson, Kenastan, McIee, Ouden, Gilbert Thompson, Wood and Welting took part in the discussion of these propositions. There was unanimity of sentiment as to the desirability of increasing the membership and employing a salaried assistant secretary and editor.

With regard to the third and fourth propositions sentiment was divided.

Action was taken by the adoption of the following:

Resolved: That the members of the Society pledge themselves severally to use their best endeavors to obtain two new members each for the Society, within the next ten days and report their names to the Secretary of the Society.

Resolved: That a committee of five, of which the President shall be chairman, be appointed by the President for the purpose of devising plans and taking means for carrying out the purposes for which the Society is organized.

The President named as such committee,

Messrs. Gardiner F. Hubbard, Chairman,

Marcus Baker,
Henry Gannett,
A. W. Greeley,
Everett Hayden.

May 16, 1886.

Joint meeting.

Meeting held in the Assembly Hall of the Cosmopolitan. Vice-President Hayden in the chair. Attendance, 50.

Mr. Josiah Pierce, Jr., read a paper on "The Ordnance Survey of Great Britain—its history and object," which was illustrated by numerous maps and drawings. The paper was discussed by Messrs. Baker, Bartle, Gannett, Gilbert, W. D. Johnson, Littlehaler, Gilbert Thompson and the author. Published in *The National Geographic Magazine*, A. Washington, D. C., August, 1886. Vol. 2, no. 1, pp. 263-289.

— SUMMER VACATION —

November 25, 1886.

Special meeting.

Meeting held in Lincoln Music Hall. Hon. W. P. Harris president. Attendance, 500.

Mr. L. C. Russell delivered an address on the results of the exploration made by him under the auspices of the National Geographic Society, last summer, in the vicinity of Mt. St. Elias, Alaska. The address was illustrated by wall maps and lantern slides. A full report of this exploration will be published in *The National Geographic Magazine*. An article on the subject is also expected to appear in *The Century*, April, 1890.

*November 25, 1889.**42d meeting.*

Meeting held in the Assembly Hall of the Cosmos Club, President Hubbard in the chair. Attendance, 100.

The chair announced the election to membership since the meeting of May 23, 1890, of 148 new members.

Mr. Mark B. Kerr read a paper on the results of his surveys last summer in company with Mr. L. C. Russell in the vicinity of Mt. St. Elias, Alaska. The paper was discussed by Messrs. Abbot, Baker, Dall, Gannett, Gilbert, Ogden and Woodward. *Revised and published in Scribner's Magazine, 8^o, New York, 1891, March, Vol. 2, no. 3, pp. 301-372.*

Mr. L. C. Russell exhibited a painting of Taku Glacier, Alaska, made by Mr. Keith, of San Francisco, and made a few explanatory remarks thereon.

*December 12, 1889.**43d meeting.*

Meeting held in the Lecture Hall of the Columbian University, Vice-President Hayden in the chair. Attendance, 200.

Ensign J. M. Elliott, U. S. N., delivered an address, illustrated by lantern slides, on "Surveys executed by the U. S. S. Ranger in Lower California." *Not yet published.*

*December 19, 1889.**Special meeting.*

Meeting held in the Lecture Hall of the Columbian University, Vice-President Ogden in the chair. Attendance, 100.

The President, Gardiner G. Hubbard, delivered his annual address, on the subject "South America." *Published in The National Geographic Magazine, 8^o, Washington, D. C., March, 1891, Vol. 2, pp. 1-60.*

*December 26, 1890.**44th (45th annual) meeting.*

Meeting held in the Assembly Hall of the Cosmos Club.

The annual report of the Secretaries was presented. *Printed on pages 296-298.*

The annual report of the Treasurer was presented and referred to an auditing committee consisting of Messrs. P. B. Christie, R. D. Cummins and S. A. Apthorpe, Jr. *Printed on pages 299, 300.*

The annual election of officers, for 1891, was then held with the following result:

President—Frederick G. Hubbard.

Vice-President—H. G. Ogleton [land];

Everett Hayden [sea];

A. W. Griswold [air];

C. Hart Merriam [life];

Henry C. Bryant [art].

Treasurer—Charles J. Bell.

Recording Secretary—Marcus Baker.

Corresponding Secretary—C. A. Kempton.

Manager—Rogers Byrdle, Jr.,

G. K. Gilbert,

G. Brown Goode,

W. D. Johnson,

W. J. McGee,

P. C. Mendenhall,

W. B. Powell,

H. H. Warder.

January 6, 1891.

45th meeting.

Meeting held in the Assembly Hall of the Cosmos Club, President Hubbard in the chair. Attendance, 10.

Report of the auditing committee appointed at the last meeting was presented and adopted. *Printed on page 301.*

Article IV of the By-laws was amended by striking out the following clause: "The Vice-Presidents, together with the two Secretaries, shall constitute a committee of the Board of Managers on Communications and Publications."

Vice-President Hayden, Department of the Sea, and Vice-President Merriam, Department of Life, presented their annual reports. *Not yet published.*

January 21, 1891.

46th meeting.

Meeting held in the Assembly Hall of the Cosmos Club, President Hubbard in the chair. Attendance, 16.

Yester-Days our Secretary, Department of the Air, and Vice-President Ogden, Department of the Land, presented their annual reports. *Not yet published.*

February 5, 1891.

4th meeting

Meeting held in the Assembly Hall of the Cosmos Club. Vice-President Hubbard presided. Attendance 30.

The meeting was devoted to an account of the U. S. S. *Petrel* in her expedition to the west coast of Africa.

Mr. George and Albe described the cruise in general terms and gave some account of the scientific survey executed in the vicinity of South Africa.

Mr. John Chatelaine, of Switzerland, read a paper on the Dialects and Folk-Lore of the Portuguese portion of West Africa.

Mr. Frank M. Lippincott read a paper on the Island of Ascension.

February 6, 1891.

5th meeting

Meeting held in the Assembly Hall of the Cosmos Club. Vice-President Ogden in the chair. Attendance 40.

Hon. George Loring, Vice-U. S. Minister to Portugal, delivered an address upon the "Kingdom of Portugal." *Not published.*

February 21, 1891.

6th meeting

Meeting held in the Assembly Hall of the Cosmos Club. Vice-President Ogden in the chair. Attendance 40.

Mr. C. N. Wood read a paper on "Natural Resources of the United States." This paper was discussed by Mr. W. D. Brewster.

Mr. C. D. Willard read a paper on "The North American Geographical Survey of the Countries." This paper was discussed by Messrs. Abbott and McLean. It is printed & published in the paper in *The American Geographer Magazine*, Vol. 3.

February 22, 1891.

5th meeting

Meeting held in the Assembly Hall of the Cosmos Club. Vice-President Ogden in the chair. Attendance 40.

Major C. E. Dutton, U. S. A., delivered an interesting report on "The Hawaiian Islands - their history, volcanoes, people, and policies, with a few words about the reciprocity treaty with the United States."

Very long abstract prepared by the secretary March 2, 1891.

NATIONAL GEOGRAPHIC SOCIETY

THIRD ANNUAL REPORT OF THE SECRETARY.

PRESENTED TO THE SOCIETY, DECEMBER 2d, 1890.

Membership.—The Society was organized in January, 1888, with a total membership of 40.

At the close of its first year, in December, 1888, the membership was 200. At the close of the second year, in December, 1889, the membership was 228; and the present membership is 292.*

Since the last annual meeting the membership has been increased by the admission of 20 new members. It has been decreased by the resignation of 11 members, by the death of 1 member (Capt. A. G. Montello) and by the dropping of 16 members for non-payment of dues. The net increase has not been 14, as the present total appears to be 292 as represented.

The present members are classified as follows:

Active members	272
Corresponding members	...
Life members	18
Total number of members	292

At the beginning of the year, corresponding members numbered 10. On March 20 of this year, however, the By-Laws were so amended as to require these members to pay annual dues of \$1.00 each, and to entitle them to the publications of the Society.

Meetings.—The Society has had 123 meetings during the year, of which, 11 were regular meetings for the reading and discussion of papers, 4 were pu-

* The open membership has been increased to 200, as shown by the audited statement on p. 86.

was charged, it was a good meeting at the Great Falls of the [redacted] M[ississippi]. It was a special meeting for the Jernigan way and means for increasing the Society's resources, I was the most busy for preparation of the annual address of the President for 1850 delayed by reason of absence of the President from the city, I was the manager of the presentation of the President's address for 1850, and I had the annual meeting for the [redacted] officers and transaction of business.

At the regular meetings for the reading and discussion of papers, the average audience was 150, the highest being 300 and the lowest 2.

The Board of Managers have held 28 meetings for the election of Vice President of the Society, of which 13 were regular and 15 were special meetings. The highest attendance of the 17 meetings was 150, and the lowest 100.

Managing the Land. On November 5, the Reverend Secretary, Mr. Hester, presented, resolved, and the Board of Managers elected the name of Dr. Warren Baker as his [redacted] The Board then elected Mr. Bennett president of the Managers, Mr. Brewster of M. C. L. T. Titus, corresponding Secretary, and Dr. J. C. W[ood] as Vice President of Managers. The expenses thus incurred have been:

Expenses. - In the month of May the Board of Managers decided to send a party to the vicinity of M. & St. Louis, Arkansas, for the purpose of making geological and geological explorations and surveys. For this purpose we received support from the treasury of the Society. In part from the importation of the U. S. Geological Survey. Mr. E. C. Renshaw, Geologist of the U. S. Geological Survey, was placed in charge of the party and of geological work, and Mr. Mark H. Kerr, Geographer, also of the U. S. Geological Survey, was placed in charge of the topographical work.

Through the kind co-operation of the U. S. Geological Survey, the party of 12 men, or about a dozen, took a wheelbarrow that provided the army rations. The load of work did not weight down at the close of their labors without breaking up one of the wheels. The party, consisting of 11 of their members, were enabled to explore about three miles in exploration and survey of a country resting upon a known region filled with granite rocks.

trials and started in glacier. An area of several hundred square miles was mapped, numerous peaks climbed, etc. glaci measured, geological work done, numerous and interesting notes obtained. A final report of this, the Society's first venture in exploration, is now in preparation and its publication by the Society is expected in a short time.

Publications — During the year the Society has published volume II of the National Geographic Magazine. This volume contains 250 pages, together with maps and illustrations, and was issued in four numbers, in April, May, July and August.

Marguerite Johnson.

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REPORT OF THE TREASURER

THESE VOTES TO THE DIRECTOR, MARCH 20, 1850.

In the Interest and Welfare of the Jewish Community

I hope that you will find time to go to the meeting in the Wrigley Auditorium at the University of Illinois, Urbana, next year, & I hope that you will be able to come.

In view of the results by these methods, the need for further studies for a more accurate assessment of the current situation of the health of the population of Brazil.

The assets of the Company as at 31st December 19

Note of M. N. Thompson, received by lead off trust, \$150.00 paid with Dell & Co.	\$1.00
For for Dello, unpaid	\$14.00
	\$15.00

תְּמִימָנָה וְסַעֲדָה

C. J. Smith, "Tremours"

*Introducing the new digital version of the *Wright's* *Wright's**

The TREATMENT OF INFECTED EYES IN THE NEW YORK CITY PUBLIC SCHOOLS

14

Time	Number of individuals	Number of species	Mean abundance
00:00-01:00	100	10	10
01:00-02:00	150	15	10
02:00-03:00	120	12	10
03:00-04:00	180	18	10
04:00-05:00	160	16	10
05:00-06:00	140	14	10
06:00-07:00	120	12	10
07:00-08:00	100	10	10
08:00-09:00	80	8	10
09:00-10:00	60	6	10
10:00-11:00	40	4	10
11:00-12:00	20	2	10
12:00-13:00	10	1	10
13:00-14:00	5	1	10
14:00-15:00	2	1	10
15:00-16:00	1	1	10
16:00-17:00	0	0	10
17:00-18:00	0	0	10
18:00-19:00	0	0	10
19:00-20:00	0	0	10
20:00-21:00	0	0	10
21:00-22:00	0	0	10
22:00-23:00	0	0	10
23:00-00:00	0	0	10
00:00-01:00	0	0	10
01:00-02:00	0	0	10
02:00-03:00	0	0	10
03:00-04:00	0	0	10
04:00-05:00	0	0	10
05:00-06:00	0	0	10
06:00-07:00	0	0	10
07:00-08:00	0	0	10
08:00-09:00	0	0	10
09:00-10:00	0	0	10
10:00-11:00	0	0	10
11:00-12:00	0	0	10
12:00-13:00	0	0	10
13:00-14:00	0	0	10
14:00-15:00	0	0	10
15:00-16:00	0	0	10
16:00-17:00	0	0	10
17:00-18:00	0	0	10
18:00-19:00	0	0	10
19:00-20:00	0	0	10
20:00-21:00	0	0	10
21:00-22:00	0	0	10
22:00-23:00	0	0	10
23:00-00:00	0	0	10

The 2013 one year Magazine

- Extraction of text
 - Extraction of document structure
 - Text
 - Predicting what the text is about
 - Classify
 - Summarize (1) & (2)
 - Topic detection
 - Multi. doc. - the text representation in the PCA

W. B. D. M. 1920. 11

Report of the Auditing Committee.

D. I

REPORT OF THE AUDITING COMMITTEE.

Presented to the Society January 3, 1891.

To the President and Members of the National Encyclopedic Society.

We, the members of the auditing committee appointed at the last meeting of the Society to audit the accounts of the Treasurer for the year ending December 31, 1890, beg to submit the following report:

The statement of the receipts, composition of dues from members, receipts from lectures, interest on bank and safe of investments, has been examined and found correct.

The vouchers for expenditures and checks in payment therefore have been examined, compared and found correct.

We have examined the bank book, showing 100 percent with Morris, Tel. & Co., and find the balance to be \$41.02 as stated.

A "Trust Fund" showed us a balance for \$500 which we find to be part of the assets of the Society.

For the Committee,
W. H. COOPER,
S. A. WILSON,
Chairman

STUDY OF REPORTS ON THE MT. ST. HELENS ERUPTION

During the year 1890, the National Guard & Society made
the first venture in exhibition. This was undertaken in the city
of Boston at Longfellow Hall on the 1st of May by Mr. W. F. Davis,
and was well received. The opinion of Mr. L. C. Russell the author
of the original studies, in his review in the
"Critic," was that "A fine exhibition of
the Guard & Society, and a fine program. I commend
it and other opportunities of the same kind."

Important meeting on the 4th Oct., the Board of Managers of the National Council on Sunday evening from time to

Society to the number and names of
advisability of undertaking our first exploratory work in
that quarter it is now agreed to be left to the Committee at its
discretion with reference to the amount to be given to the new colony
of our choice in the Indian Territory. But if in view of the knowledge
the most likely to be gained by studying this measure. What part
it is of the business of the Society that it be referred to the Board
April 1st and in continuing the same number of Mr. W. W.
for him to do so. Was it that it was given up to the Board of the
expedition of members to the Indians of the Society. Later
a proposition by Mr. W. H. D. that the Society should
and a party to have ready for Mr. St. L. B. in New York, was ad-
mitted and it option open to the party to go where the appropriate
arranging the necessary funds. This proposition was submitted
to the Board of Managers May 2d 1851, and it was

Your letter rec'd, recd, on Nov 2^d. And, it briefly states the
present condition of the Bank which is the whole point. It was
arranged that the greater part of the expectation would be
met; that of the amount of \$100,000 already sent
to New Bedford and that it presents and signifies a fund to be for
the payment of the debts of the Bank if I choose and desire (in
the event of my being compelled to do so) to do so. That
the Secretary of the Navy had directed the U. S. Frigat to
transport the Party from Scapa to Yarmouth Bay and return, and
the Report of the U. S. Naval Ocean Survey as it turned the

land of Mr. F. C. Russell, geologist, and Mr. Mark H. Kerr, topographer, left for the scientific work of the expedition.

A long and earnest discussion was had on the advisability of starting the expedition out on the 1st. The late news of the escape from the law and the low number of the funds were urged as reasons for delaying till next year. It was finally decided, however, by a vote of 7 to 5 to adopt the suggestion now and start the expedition forth.

Mr. F. C. Russell and companion, Mr. W. H. Holmes, geologist and the Secretary of the Navy, were appointed to command. Mr. F. C. Russell, geologist, was placed in charge, and Mr. Mark H. Kerr was assigned as topographer of the party. The plan of work was to proceed to Hazelton (the gold territory) and make a large area in the vicinity of Hazelton the field of operations; and also to explore up the lower part of the Columbia, and if practicable, to run up the

The party consisted of 11 men of ten persons, Messrs. Russell and Kerr being partitioned. Mr. E. S. Ladd, a volunteer assistant from Washington, and seven camp hands hired in Seattle, of whom James H. Christie was foreman. On June 13, they sailed

from Port Queen for Sitka, where, on arriving, they found the U. S. S. Pinta in readiness to take them to Yakutat, in the same district previously visited by the U. S. S. Jeannette, Navy. They were at once transferred with all their gear to the Queen to the Pinta, and sailed for Yakutat Bay, Alaska, fog and rain.

Three days out of the party, with all stores at low ebb, had been consumed in getting ready to the consciousness of the party, they set to upon the serious work of the season.

The first to be examined was found to consist of a majestic mountain range, trending southeast and northwest, in front of which was a broad, tree-covered plateau. The range descended down to a level of 1,000 feet above the sea, and descended with gorges of vast magnitude. Excursions into this area and a study of its glacial and geological features were made.

At the same time Mr. Kerr began his topographic work of mapping the region. A system of triangulation starting from the selected base was carried on, the prominent peaks were located by intersection, and heights were determined by vertical angles. Sketches and photographs were taken from many points,

and before the season is over, sufficient material will be gathered to make a fairly good map of an area of about 100 square miles.

The topographic work having been well started and a base camp established, the party took up a line of march toward Mt. St. Elias. On the first of August they found themselves halfway between Yukon Bay and St. Elias, after half the base of the mountain. Most of the way to this point the party had been heavily laden, encumbered, so the party could not go quickly, and after twenty days of very severe labor have the strong base prepared and occupied at the base of St. Elias. From their camp, after a vacation of about fifteen feet, the party starts but looks back to the north for the final climb. The men of the group [redacted] were beaten back by a prolonged and severe storm with [redacted] of snow. Two days later a second attempt was made, but another snow storm beat them over the mountains again, only as the first [redacted] sleep saw and rumbled by these two obstacles presented as far as progress went the party reluctantly turned back. They continued to travel about in the region while waiting their way slowly back to Yukon, gathering observations as to various geological features and geologic data. On the 20th of September they arrived at Yukon, but, having had a [redacted] weight upon a steep, the interrupted climb of the [redacted] [redacted] arrived at Yukon the U. S. Surveyor under Capt. C. L. Harper, R. M. M., was [redacted] the day. Acting on his own judgment, and reasoning that the explorers were a sure loss if left at Yukon until winter set in, Capt. Harper had come from Skagway to the party, which was taken on board Sept. 24, and on the 26th drove to Port Clarence, Washington, where it arrived October 2 and entered Port Clarence Harbor, where returning to [redacted]

Various newspaper accounts of this result have been published, the best article being in several magazines, namely in *Scouts*, and the *Geography*. Late fall official report with a map and illustrations will be published in *Geography* in the *National Geographic Magazine*.

BY-LAWS

ARTICLE I.—APPOINTMENT OF JANUARY 1, 1901

Article I.—Name

The name of this Society is the "NATIONAL GEOGRAPHIC
SOCIETY".¹

Article II.—Object

The object of this Society is to promote
geographical knowledge.

Article III.—Members

The founders of this Society will be persons who are interested
in geography or science. It may be the officers of Societies,
and the corresponding, and honorary.

Admission will be only that the members of the corporation
shall be men of the world and may hold office.

Persons residing at a distance from the District of Columbia
may become corresponding members of the Society. They may
attend the meetings, take part in the proceedings, and contribute
to its publications.

Persons who have collected a number of facts, or plotted a great
number of sections, may be admitted as honorary members.

Transient members may be transferred to the two districts
of, and, respectively, or vice versa, may be transferred by
resolution of their meeting by the Board of Managers.

The members of the Society shall be entitled to a Board of
Managers. No actions for members shall be signed by more

than three members. No resolution shall require action by the Board of Managers
unless it has been before it at least two weeks, and no such action
shall be enacted unless it receives at least three affirmative votes.

Article IV.—Officers

The Officers of the Society shall be a President, five Vice-
Presidents, a Treasurer, a Recording Secretary, and a Corresponding
Secretary.

The above mentioned Officers, shall be called the Board of Managers. Officers or Managers shall be elected annually, by ballot, a majority in each case cast being necessary to election; they shall hold office until their successors are elected; and shall have power to fill vacancies occurring during the year.

The President or, in his absence, one of the Vice Presidents, shall preside at the meetings of the Society, and of the Board of Managers, he shall get up with the necessary papers, sign and write a contract and obligations of the Society, and attest the expenditure etc., he shall also pass annual address to the Society.

Each Vice President shall represent the Society, and on the demand of Managers a committee of general business may be appointed.

~~Supply of the Library~~
~~Supply of the Library~~
~~Supply of the Art~~
~~Supply of Books~~
~~Supply of Art~~

The Vice Presidents shall report to their respective departments to the Society; they shall present an account to the Society of the work done in their particular work, the several
Committees.

The Vice Presidents shall meet the books and shall deposit under the direction of the Board of Managers; he shall make an annual report; and his account shall be audited annually by a committee of the Society and at such other times as the Board of Managers may direct.

The Vice Presidents shall record the proportion of the Society given by the Board of Managers, and conduct the correspondence of the Society; and shall make an annual report.

The Board of Managers shall transact all the business of the Society, except such as may be transacted at the annual meetings. It shall frame rules for the conduct of its business. Nine members of the Board of Managers shall constitute a quorum.

ARTICLE V. DUES.

The annual dues of active members shall be five dollars, and of
corresponding members two dollars, payable during the month of
January, or, at the end of next month, within thirty days after
election.

The dues of members elected in November and December shall

annual dues may be accumulated and also made fully paid by
the payment of fifty dollars.

No member in arrears at all shall be at the annual meeting, and the
names of members two years in arrears shall be dropped from the
roll of active members.

ARTICLE VI. MEETINGS.

The annual meeting of the Society shall be held in alternate
years, in New York City, and no longer than one year
between meetings. The [name] of Managers shall, however, have power to postpone or to
cancel meetings when a majority desire it. Special meetings may be
called at any time.

The annual meeting for the election of officers is to be held
on the first Monday in December.

The managers comprising the annual meeting shall be divided into
two classes, officers.

The managers of the annual meeting shall be presented
in January.

A plurality for the election of officers is to be held
on the first Monday in December.

ARTICLE VII. AMENDMENTS.

These bylaws may be altered by a two-thirds vote of the
members present at a regular or special meeting, that not less than
one-half of whom must have been given in writing at a regular
meeting a week previous to the meeting.

STANDING RULES OF THE BOARD OF MANAGERS

APPROVED JANUARY 16 1951

For President, Vice President and Secretaries of the
United States.

the Board of Managers will be a most special consideration. He said, also, at the beginning of October next he will be holding a Committee of three persons, one from the church, to determine the course of procedure.

boundary of the

The following is a short history of the origin of the Society.

and under the direction of the
Committee of the Society for the current year,
which shall make the annual report
of its labours, &c.

8. I'll + propose all proposed increases, provided also a compatibility with Article 1st of the City Law, may be granted a any percentage of the amount. I Management will be over the best way to work in for the better.

Standing Rules of the Board of Managers. BORG

9.—The order of business at the regular meetings of the Board of Managers shall be as follows:

- a. Reading of minutes.
- b. Communications from the President, Treasurer or Treasurer and action thereon.
- c. Reports of committees and action thereon.
- d. Election of officers.
- e. Notifications for membership.
- f. Miscellaneous business.

10.—The order of business for each regular meeting of the Society shall be as follows:

- a. Reading of the minutes of the last meeting.
- b. Statements of new members, guests, etc.
- c. Presentation of papers and their discussion.

The order of business for the annual meeting will be as follows:

- a. The reading of the minutes of the last annual meeting.
- b. The presentation of the annual reports of the Secretary.
- c. The presentation of the annual report of the Treasurer.
- d. The action of a committee to audit the accounts of the Treasurer.
- e. The adoption of a posted list of the names of members who are entitled to vote for the election of officers.
- f. The election of a President.
- g. The election of Vice Presidents, in the order
President-elect, Vice President.
- h. The election of a Treasurer.
- i. The election of a Recording Secretary.
- j. The election of a Corresponding Secretary.
- k. The election of a Librarian.
- l. The reading of the rough minutes of the meeting.

The election of officers shall be as follows:

In each case it shall be done by ballot until the result of each ballot having been announced, a first formal ballot shall be taken. No informal ballot may be made save by a majority vote. Each of the Vice Presidents shall be elected to his position separately.

In the ballot for Managers, as many names may be written on the ballot as there are Managers to be elected, and those persons receiving the majority on each form of ballot shall be declared elected. If more than the number to be elected do not receive a majority, those receiving the greatest number of votes shall be declared elected.

12. It is not permitted to report the proceedings of the Society for publication, except by authority of the Board of Managers.

13. No notice may be given to the majority to be, notice having been given two weeks in advance.

RULES RELATING TO PUBLICATION

ADOPTED BY THE BOARD OF MANAGERS FEBRUARY 8, 1891

Form of Publication

SECTION 1. The National Geographic Society will continue to publish a serial entitled *The National Geographic Magazine*.

Sec. 2. The serial shall be published in several parts or volumes, consisting of papers for each volume. The volumes shall be designated by volume numbers and in every paper in each shall bear a small title setting forth the contents and authorship, as well as the title of the serial and the seal and name of the Society, and, if desired, the precise date of publication.

Sec. 3. A brochure may consist of a single minor article, or a case twenty-five copies will be furnished to the author in short range, and the author may order or authorize the order of any additional number of copies; and the shorter papers, abstracts, reviews, notes and illustrations or matter may be collected together, bound as brochures uniform with those containing the articles.

Sec. 4. The brochures of the serial shall be arranged for gathering into volumes, every copy being the issue of a calendar year; but, about the close of each year it shall be published in a form arranged to complete the volume in title page, list of contents, and index for the corresponding volume, a paper with an abstract of the proceedings of the Society and lists of other members and officers for the year, and a copy of the by-laws and rules governing the Society.

Matter of Publication

Sec. 5. The matter published in the National Geographic Magazine, may comprise: (1) original contributions prepared by members or guests of the National Geographic Society presented at meetings by title or otherwise; (2) original communications or articles prepared for the Magazine either by members or non-members, whether presented before the Society or not; (3) translations or extracts of important foreign publications.

relating to geography, reviews of geographic works, items of geographic intelligence, etc.; (1), abstracts of papers read and discussions made before the Society, prepared or revised by authors; (2) annual statistical records of the Society, including most dense collections of statistics prepared by the secretaries; (3) lists of publications, addresses and rules, resumés of pertinent documents, and other material of interest to the Society.

Sec. 6. Matter designed for publication in the National Geographic Magazine may be transmitted to the Committee on Publications, either direct or through the secretary or other agent of the Society, upon the day it may be considered by the Board of Managers.

The chairman of and expenses of publication, or writer of the matter, may be found of Managers for discussion; if the matter is accepted it shall be published soon as practicable. If rejected it shall be returned to the author. Communications from subscribers to the magazine members shall be published only upon authority or vote of the Committee on Publications or by express direction from the Board of Managers. The Committee on Publications or the Board of Managers may refer any communication to a special committee for examination.

Sec. 7. Matter offered for publication in the National Geographic Magazine becomes thereby the property of the National Geographic Society and shall not be published elsewhere prior to publication in the magazine.

Sec. 8. Matter accepted for publication in the National Geographic Magazine shall be either printed and issued semi-annual, or in a monthly volume, or revised for the next issue, or of miscellany or presents (of magazine publications) at the option of the manager or publishers. Prints of letter-press and illustrations will be submitted to authors or persons designated by authors to review, print, or publish, but printing shall not be delayed in the least time by reason of absence or incapacity of authors.

Notice of publication.

Sec. 9. The text of each brochure of the National Geographic Magazine shall begin in the upper right corner on an otherwise blank page bearing at least the title of the series, the volume, the printing place, and the date of publication; when such brochure shall be inserted in the binder or portfolio to it, the

plates inserted will numbered for the volume; and each brochure may contain a synoptic list of contents prepared by the author and, at the option of the Committee on Publications, any other notes, printed in the same or prepared by the author. But no plate shall be enclosed in a cover enclosing nearly as many as the present covers of the serial, starting at the head of its title-page the title of the serial, the name of the printing place, the date of publication, and below the seal and imprint of the Society; other cover pages may bear a list of the publications of the Society, but nothing else of biographical or other personal interest shall be printed on the cover unless the same be referred to in a body of the volume to which the brochure belongs.

Sec. 10. The author of each work shall receive twenty-five copies without charge and shall be entitled to order through the publisher or distributor any edition of except such fees as exactly stimulate covers to be printed or otherwise calculated at cost of paper and press ink, not exceeding one-half of the original price of the volume.

Sec. 11. At least two magazine lectures may be published during each year, the first among the others of the standing members of the Society, and the second by the Committee on Publications.

Sec. 12. Authors of papers in the annual exhibitions may have the privilege of publishing their own articles in full, at their own cost, in a separate volume provided that they separate from the exhibition catalogues, and refer to the same in full volume for a while both exhibits.

Sec. 13. Annual tables of contents yearly in frontispiece, giving lists of contents and a list of the volume, name of authors and members of the Society, the by-laws and rules, an statement of the proceedings for the year, have a general index which shall be started and continued in a separate volume, but the tables shall take the regular Annual Catalogue at the beginning of the volume, except issues 1 & 2 with eight pages, but the tables shall take the regular Annual Catalogue at the end of the volume. The tables shall bear the name of the Committee on Publications and the editor-in-chief, the president of the Board of Managers and the publisher.

Sec. 14. The function of each magazine and of the annual

page shall bear a signature mark giving an abbreviated title of the serial, the volume and the year, and every page shall be numbered, the total number the pages at the bottom.

Sec. 15. The page-headings shall be on even-numbered pages, name of author and catch-title of paper; on odd-numbered pages, catch-title of contents of page.

Sec. 16. All signatures shall be stamped at top, side and bottom.

Sec. 17. The typography, paper and general make up shall conform, except as herein otherwise specified, neatly as they do to the National Geographic Magazine as heretofore published.

Sec. 18. The date of publication of each brochure shall be that upon which the editor is delivered to the Committee on Publications.

Sec. 19. The brochures shall be distributed immediately by the Committee on Publications to members of the Society, subscribers, and exchanges from lists furnished by the Secretary; and the undistributed copies of each edition shall be turned over to the Secretary.

Sec. 20. The regular edition shall be seven hundred and fifty copies for the Society, and twenty-five copies for authors.

Sec. 21. The Committee on Publications shall keep a record of all matter published wholly or in part under the auspices of the Society, whether the same be author's editions of the various brochures, author's extracts from the magazine-brochures, or any other matter printed from type originally composed for the Magazine.

Sec. 22. The Magazine shall be mailed free to members of the Society, in exchange for dues, quarterly, with the right also to exchanges, and for an annual price of one dollar to regular subscribers. The separate brochures may be sold, to the number of not more than ten to each individual, at an advanced price of 25 per cent to members and 75 per cent to non-members of the Society, and other separate brochures or incomplete volumes may be sold to dealers at the usual charge for publisher of the magazine.

Sec. 23. The Committee on Publications may furnish at cost extra advertisements of not per diem greater than fifteen dollars each for the purpose of taking the regular page 8 and 9 of the Magazine, at the usual rates for such service.

OFFICERS OF THE SOCIETY.

President

J. A. HARRIS, JR., CHAIRMAN

First Vice President

A. P. DODD
EXHIBIT HAS FN
A. W. GIBBON
J. HART MURRAY
HENRY GRANNETT

Secretary

C. CHARLES J. MITT

Assistant Secretary

M. M. BAKER

C. A. REYNOLDS

Treasurer

H. H. RICHARDSON
G. K. COBBETT
C. E. WOODWARD
WILLIAM D. JONES

W. M. GEE
T. A. M. NEWELL
W. B. F. WELLS
R. H. WADDELL

MEMBERS OF THE SOCIETY.

March 25, 1863

16. C. L. Burleigh, President.
C. S. Abbott, Vice-President.
W. H. Brewster, Secretary.
* Dr. George M. Duryea, Treasurer.
The names where no city is given, in the address, designation or name, indicate
residence.

Adams, Prof. C. P. (Fellow), <i>a.</i>	
	Army Medical Officer
Akeley, S. Thayer (Sylvanus Thayer),	
	U. S. Military Academy
Alphonse, Prof. A. (Albert Alphonse), U. S. N. S.	
	Geological Survey
Ames, Latt. (Sam'l. S. M.) (Sam'l. Mitchell), U. S. N. S.	
	Coast and Geodetic Survey
Anderson, A. D. (Arthur D.)	
	Meteorological Club
Anderson, Lieut. Col. F. George Paton, Jr., U. S. A., <i>c.</i>	
	Port Haw, Maine
Anderson, W. C. (W. C. Anderson)	
	Cosmopolitan Survey
Answeorth, J. T. (John T. Morris)	
	Geological Survey
Atkins, Dr. J. A. (Joe Atkins).	
	American Museum Natural History, New York, N. Y.
Atkins, F. Atkinson,	
	Windsor Hotel
Arnold, S. A., Jr. (Stephen Arnold),	
	Geological Survey
Aspinwall, Rev. J. A. (J. A. Aspinwall),	
	17 Dupont Circle
Atkinson, W. R. (William Atkinson), <i>a.</i>	
	Geological Survey
Atkins, Miss S. C. (Susan Caroline), <i>a.</i>	
	2nd A Street S.E.

Members of the Society

BROWN, CHAS C., Cyrus Center,	Geological Survey
BAILEY, WILLIAM E., William E.	Seattle, Wash.
BARKER, DR. FRANK, D.	South Park, Penna.
BARKER, MATTHEW,	Geological Survey
BARNES, H. L., and Harry Lawton, D.	Geological Survey
BARNETT, A. C., Alexander Campbell,	Geological Survey
BARTHOL, THOMAS A. S., Albert Smith, U. S. N.	Army Department
BARNARD, EDWARD CLAYTON, Jr.	Geological Survey
BARTHOLOMEW, A. CHARLES ADAMS, Jr.	U. S. Geological Survey, Wash.
BARTHOLOMEW, HENRY H., Henry H., U. S. N.	Army Department
BARTHOLOMEW, R. F., Randolph, Minn.	St. Virginia Avenue SW
BARTHOLOMEW, EDMUND HARRISON, U. S. N. d.	Professor, R. I.
BARTHOLOMEW, S. A., St. Louis, Mo.	—
BATES, D. W., Daniel Webb, Jr.,	15-17 State Road Building, Seattle, Wash.
BASSETT, C. C., Charles Chestnut, Jr.	Geog. of State
BASSETT, C. C., (Charles Chestnut)	7 Marlborough Street, Cambridge, Mass.
BATES, JOHN A., (John Agnew), Jr.	Civil and Geological Survey
BATES, PAUL,	West University B.
BAXTER, DAVID N., David N.	Seattle, Wash.
BELL, A. GRAHAM (Alexander Graham), Jr.	400 Commonwealth Street
BELLO, A. MCKEEVER, Alexander McKeever,	1505 Thirteenth Street
BELL, C. J., Charles J. Bell, Jr., Jr.	43, Pennsylvania Avenue.

BENNETT, Asst Eng., F. M. Frank Marmon, U. S. N.	Navy Department.
KELLOGG, Capt. J. B. Paul Baptiste, U. S. N.	Navy Department.
PEASLEE, Mr. H. C. G. Peaslee, U. S. N.	Navy Department.
PEASLEE, Mr.	P. O. Box 800 New York, N. Y.
PEASLEE, Mr.	Geodetical Survey
PEASLEE, Prof. Frank H. Frank Marmon,	National Altimetric Office
PEASLEE, Captain L. Charles Marmon,	Hydrographic Office
PEASLEE, Capt. R. H. Rogers, U. S. A. M.	Indians Office.
PEASLEE, H. R. (Albert Paxton), M.	Geodetical Survey
PEASLEE, James H. James Harvey, M.	Geodetical Survey
PEASLEE, Jerome H. Turner Hopper, M.	16 B Street, N. E.
PEASLEE, Harvey,	Chippewa City Alaska.
PEASLEE, Capt. C. D. Charles Marmon, M.	
PEASLEE, Dr. STEPHEN, M.	Menard, Cal
PEASLEE, Capt. J. J. Joseph Gabell, U. S. A.	Wright's Island
PEASLEE, H. G. Harrison Lloyd, M.	Hydrographic Office.
PEASLEE, A. T. Alexander Thompson,	14 1/2 Street.
PEASLEE, Miss M. L. Margaret Marmon,	Dept. of Fish and Game
PEASLEE, Captain A. Charles A. Pease,	828 Pacific Building San Fran. Cal
PEASLEE, Peter A. Peter Edgerton,	
PEASLEE, Peter A. Peter Edgerton,	Massachusetts Institute of Technology, Boston, Mass
PEASLEE, M. K. Marcus K. Pease,	Geodetical Survey
PEASLEE, Capt. J. C. of the Coast, U. S. R. M. M.	1415 Sacramento Street, San Fran. Cal
PEASLEE, H. W. Henry West,	Geodetical Survey

FEDERAL GOVERNMENT

- CHAPMAN, C. W., Lt. Cdr. (Commander) U.S.N.R.
University of Washington, Marquam Hill,
Seattle, Wash. (1941-Upper Hydrographer)
- CHAPMAN, E. H. (Robert H. Eastman),
Geodetic Survey
- CHAPMAN, Dr. Thomas M. (Thomas Macaulay),
U.S. Naval Observatory
- CHAPMAN, G. M. (Gordon McEachern), U.S. Navy
Navy Department
- CHAPMAN, James H. (James H. Chapman),
Bell Telephone
- CHAPMAN, K. H. (Peter Chapman),
Geodetic Survey
- CHAPMAN, A. HOWARD (Howard Howard),
National Museum
- CHAPMAN, E. H. (Eduard Berkovich),
Geodetic Survey
- CHAPMAN, Dr. WALTER R. (Walter R. Chapman),
Indiana University, Bloomington, Ind.
- CHAPMAN, FREDERICK COX, U.S. N.
Hydrographic Office
- CHAPMAN, H. A. (Harold A. Chapman),
Coast and Geodetic Survey
- CHAPMAN, VERNON ASKEW, U.S.
Army, D.C.
- CHAPMAN, A. W. (Arnold W. Chapman),
Spartan, Wash.
- CHAPMAN, ERNEST W. (Ernest W. Chapman)
(P.O.) Bremerton, Wash., Wash. Marq. Min.
- CHAPMAN, WILLIAM E. (William Chapman),
Geodetic Survey
- CHAPMAN, LUCILLE V. L. (Vivian von Lazarus), U.S. N.
Navy Department
- CHAPMAN, P. E. (Paul Edward),
Hydrographic Office
- CHAPMAN, SAMUEL E. (Samuel Chapman), U.S. N.
Hydrographic Office

Coutant, W. A. <i>W. A. Coutant</i> , Inc.,	Geological Survey
Coxon, Robert L. <i>L. Coxon</i> , Inc.,	Geological Survey
Cronquist, Carl G. et al. <i>Cronquist et al.</i>	Botanical Survey
Cronquist, Louis M. et al. <i>A. Cronquist et al.</i>	Botanical Survey
Cronquist, Walter F. <i>W. Cronquist</i> , et al.	Botanical Survey
Cutts, Wm. H. <i>Cutts</i> , et al.,	National Museum
Davis, Paul C. <i>P. C. Davis</i> , et al.	National Museum
Davis, N. E. <i>N. E. Davis</i> , et al.	National Museum
Davison, Walter D. <i>W. D. Davison</i> , et al.	Geological Survey
Davison, Philip T. <i>P. T. Davison</i> , et al.	Geological Survey
Davis, A. C. <i>A. C. Davis</i> , et al.	National Museum
Davis, Paul W. M. <i>P. W. M. Davis</i> , et al.	National Museum
Davis, Miss A. K. <i>A. K. Davis</i> , et al.	Geological Survey
Davys, Dr. David T. <i>(Davy)</i> Talbot	Geological Survey
Deasy, A. A. <i>A. A. Deasy</i> , et al.	Geological Survey
Degener, Paul J.	Botanical Institute (Leiden)
Dierckx, S. Joseph <i>S. J. Dierckx</i> , et al.	Geological Survey
Dobson, J. Weston <i>J. Weston Dobson</i> , et al.	U. S. Geological Survey (former)
Dr. Dr. E. M. Edward <i>E. M. Edward</i> , et al.	Geological Survey
Dow, Charles A. <i>C. A. Dow</i> , et al.	Geological Survey
Dufour, A. L. V. <i>A. L. V. Dufour</i> , et al.	Geological Survey
D'Ubaye, J. L. <i>J. L. D'Ubaye</i> , et al.	Geological Survey

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FRANCIS, JAMES E., Jr., Franklyn, U.S.A.	Survey Department
FREEMAN, LUCILLE, Corolla, N.C.	Geological Survey
FREYER, JOHN P., Jr., New York.	Army Medical Museum
GALT, GENE, Weymouth.	U.S. Army
GAUL, JOHN W., Columbia, R.R., 100	60 W. Twenty-third Street, New York, N.Y.
GAYNARD, ALICE, and ALICE,	Geological Survey
GEORGE, FREDERIC, Louisville.	Geological Survey
GEYER, MAX.	454 Pennsylvania Ave.
GEYER, NELLIE (Nathaniel Parker), etc.	Smithsonian Institution
GEYER, TERRY, etc.	Geology and Mineralogy
GEYER, MRS. HENRY (MARY) CLARK,	184 Lexington Avenue.
GEYER, S. S., Standard Oil Co., etc.	Geological Survey
GEYER, JR., KENNETH (KATE), etc.	Geology and Survey
GEYER, DOROTHY W., Delaney Walker,	Geological Survey
GEYER, WALTER JR. (Walter Jules)	Geological Survey
GEYER, WALTER JR. (Walter Jules)	60 W. Twenty-third Street, New York, N.Y.
GEYER, DR. DAVID C., Dorsett, Calif., etc.	John Hopkins University, Baltimore, Md.
GEYER, DONALD (Donald Alvin), etc.	Geological Survey
GEYER, KELLY, Elberton, Georgia.	P.O. Box 1170, Springfield, Mass.
GEYER, DR. GEORGE (George) GEYER, etc.	National Museum
GEYER, R. P. (Richard Chapman), etc.	Geological Survey
GEYER, R. W., Lewiston, etc.	Smithsonian Institution
GEYER, S. PROF., JOHN.	State Normal School, Syracuse, N.Y.
GEYER, GEORGE C. (George C. Geyser),	200 New York Avenue

Members of the Survey.

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Graham, Andrew G., Andrew [Graham],	1920 Pennsylvania Avenue,
Graweck, F. D., Frank DeWeese,	Coast and Geodetic Survey
Gruenwald, A. W., Adolphus Washington, Jr., S. A. M.,	Army Signal Office
Guttmann, W., Thomas Tupper, Jr.,	Coast and Geodetic Survey
Guthrie, G. H., General George, Jr.,	U. S. Chamber of Commerce Building, Chicago, Ill.
Guthrie, F. P., Fredrick, Franklin,	Geological Survey
Hansen, M. M., Merrill, O.,	Geological Survey
Hawley, R. P., Leyland Park, etc.,	Carson, N. V.
Hawkins, Dr. C., Dubrey Carr, Jr.,	Harvard University, Cambridge, Mass.
Hawkins, Prof. T. P. C. Compton, Jr.,	Geological Survey
Hawkins, Max C., M. (Robert) Morgan,	Engineering Bureau, New Orleans, La.
Hawkins, Prof. Alanson H. Tracy, Jr.,	Harvard University, Cambridge, Mass.
Hawkins, E. M., E. W. M. Hawkins,	Geological Survey
Hawkins, E. R., George Ellsworth,	Coast and Geodetic Survey
Hawkins, George T., George Thomas, Jr.,	Geological Survey
Hawkins, Frank C., Jr.,	Geological Survey
Hayes, Prof. C. Willard, Charles W. Jones,	Geological Survey
Hayes, J. W., J. L. Williams,	Geological Survey
Hazzard, D. L., Daniel Lyman,	Coast and Geodetic Survey
Hector, A. G., Angstrom, George,	R. & S. Co., Special Agent
Hessky, A. J., Alfred Julesky, Jr.,	Army Signal Corps

FERGUSON, E. S. (Edward S.)	1000 University Street
FISHER, Prof. W. F. (Walter Fisher)	Washington Woods
FISHER, J. H. (John Fisher)	Congregational Seminary
FISHER, W. D. (William Fisher)	Congregational Seminary
	3000 Third Street St. Paul, Minn.
FISHER, Miss Alice Fisher,	41 Maple Avenue
FISHER, A. R. (Arnold Fisher)	Light House Beach
FISHER, E. K. (E. Ernest Fisher),	1000 Mayfield Avenue
FISHER, H. W. (Harry Fisher)	1000 Mayfield Avenue
FISHER, J. R. (James Fisher),	Howard University
FISHER, Rev. J. G. (George Fisher)	1000 Mayfield Avenue Chicago, Ill.
FISHER, George F. (George Fisher),	1250 1 Street
FISHER, H. G. (Homer G. Fisher),	1250 1 Street
FISHER, S. P. (Stuart P. Fisher)	Congregational Seminary
FISHER, William H. (William Fisher)	Congregational Seminary
FISHER, W. W. (W. W. Fisher)	1000 Mayfield Avenue
FITZPATRICK, F. W. (Fitzpatrick)	605 Franklin Street
FLYNN, C. (C. Flynn)	1000 Mayfield Avenue
FRASER, F. (F. Charles Fraser)	Army Ordnance Office
FRASER, F. (F. Fraser)	Congregational Seminary
FRASER, A. (A. Fraser)	Congregational Seminary
FRASER, S. H. (Samuel H. Fraser)	1000 Mayfield Avenue
FRASER, M. W. (Matthew)	South African Office
FRASER, Prof. C. A. (Carrie A. Fraser)	Howard University

KENNAN, George, Jr.	16-8 Massachusetts Avenue Cambridge, Mass., U.S.A.
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שַׁבַּת קָרְבָּנוֹתֶךָ, שְׁמַע נָאָתֶךָ, וְעַל־יְהוָה תְּחַנֵּן.”

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